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Attorney Docket No. P13020 (43605-00023USPX)**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**RECEIVED  
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DEC 23 2003

Applicant: Ulf Mikael Ronstrom, et al.

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Group Art Unit: 2188

Serial No: 09/741,122

§  
§Examiner: Bragdon, Reginald  
Glenwood

Filed: December 19, 2000

For: CACHING OF OBJECTS IN DISK-BASED DATABASES

**Via Facsimile - 703-872-9306**Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450**CERTIFICATE OF MAILING OR TRANSMISSION**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the U.S. Patent and Trademark Office, P. O. Box 1450, Alexandria, VA 22313-1450, or being facsimile transmitted to the USPTO on the date indicated below.

Date: December 23, 2003

*Pamela S. Newton*

Pamela S. Newton

Dear Sir:

**TRANSMITTAL OF ASSOCIATE POWER OF ATTORNEY**

Please file the enclosed Associate Power of Attorney for the above-referenced application as authorized by the following documents:

1. Associate Power of Attorney given to the *practitioners of Customer Number 27045* for a list of patent applications/patents (1 page);
2. Spreadsheet containing a list of patent applications/patents in order of application number on which this application number is listed (4 pages).

Sincerely,

By:

John C. Han, Reg. No. 41,403  
Practitioner under Customer Number 27045